

# INSTRUCTIONS

## Hasbro ADDING MACHINE

### Hasbro Adding Machine Operation

To assure accuracy, do not operate finger buttons with a jerky or too rapid motion.

You will get correct performance by pulling finger buttons with a slow, smooth motion.

Your Hasbro Adding Machine is a precision instrument and will become one of the most useful devices you ever owned. By following these instructions carefully and under normal use, your machine will last a long time. It will add to 99,999, multiply and subtract. No stylus or pencil is needed. All you do is pull the finger buttons with your index finger.

### To Clear Machine

Just as with any machine, you'll get correct answers only if your machine is "clear" (showing nothing but 0's). To clear your machine, make sure there are no nines or zeros showing in the answer windows. Pull "Total" bar toward you firmly and look at the answer windows. If there are nines and/or zeros visible, place index finger from right to left in top holes of the columns where the nines and zeros appear. Depress to any other number. Now place finger on "clear" bar and depress it as far as it will go. While "clear" bar is depressed, start from right to left and place index finger in top hole of each column and pull toward you to a natural stop (as far as it will go without forcing). All columns will not necessarily work down to same position or to finger stop. Pull "Total" bar toward you and you will see 0's in the 5 columns.

## ALTERNATE METHOD OF CLEARING MACHINE

Pull "Total" bar toward you firmly and look at the answer windows. Now starting from the right column (E) to the left column (A) add the difference (by pulling down the black numbers) between the number appearing in the window and zero. Repeat this with every column without pressing the "Clear" bar.

For example, if a 3 appears in a window, just pull down the black 7 in that column and a zero will appear in the answer window.

### Addition

In addition, use only the black numbers. Notice there are five columns. For purposes of identification, we have marked the 5 columns reading from left to right — A, B, C, D, E. It is not necessary to add zeros, although zeros will appear in your "Total" answer.

For example, to add 200 and 300, simply pull down black #2 in column C and then pull down black #3 in column C. Pull "Total" bar toward you and this will expose the total figure and ring the bell at the same time. You can add any number of figures using the black numbers, provided the total does not exceed 99,999.

### Important

Clear machine after each example.

### Multiplication

In multiplication, use only the black numbers. Multiplication, by definition, is simply a case of special addition. Here is an example for practice —  $221 \times 43$ . Follow these steps to get your answer.

Using columns C, D, E and black numbers, press down

221 three times. Now using columns B, C and D, press down 221 four times.

$$\begin{array}{r} \text{C D E} \\ 3 \times 221 \\ \text{B C D} \\ 4 \times 221 \\ \hline \text{Answer } 9503 \end{array}$$

**NOTE:** Move one column to the left for each multiplier even if a zero is present in the multiplier.

## Subtraction

In subtraction, use both black and red numbers.

**NOTE:** There are no red nines.

Example: To subtract 1423 from 2195 follow this procedure.

Using the black numbers, press down 2195 using columns B, C, D and E.

Using red numbers, press down 1423 in columns B, C, D and E.

Now press down red zeros in all columns not subtracted. That would be column A in this example.

Finally press down a black #1 in column E. Pull total bar toward you and read 772 in the answer.

## IMPORTANT

Remember to always press down red zeros in all columns from right to left where a red number was not used and

Using red numbers, press down red 3 in column D and a red zero in column E.

Now press down red zeros in columns C, B and A because you did not subtract any figures in these columns. Add a black #1 in column E and your answer is 570.

When subtracting numbers that have nines in them follow this procedure.

Subtract 409 from 649.

Press down black 649 in columns C, D and E.

Press down red 4 in column C and red zero in column D.

Press down red zeros in columns B and A.

Add black #1 in column E.

Answer is 240.

**NOTE:** When subtracting nines, skip the column where the nine would normally be used and follow procedure above.

### Helpful Hints

To get correct answers, machine must be cleared after each example.

Total bar may be used closed or open to test one's ability to add, subtract or multiply.

**CAUTION:** Do not drop or bang your machine as it could injure the precision parts.

This is another Hasbro product. Makers of toys and games with maximum play value.

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